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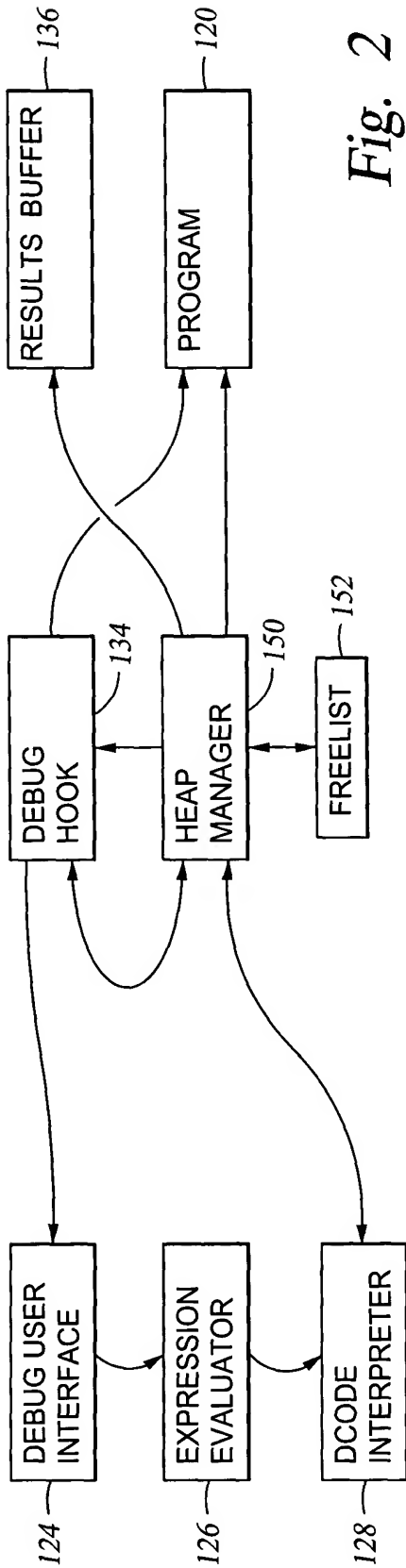


Fig. 2

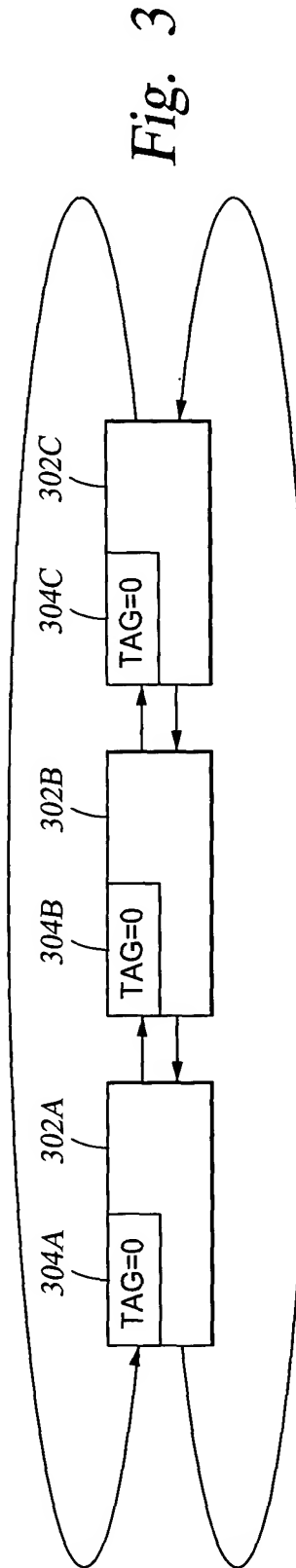


Fig. 3

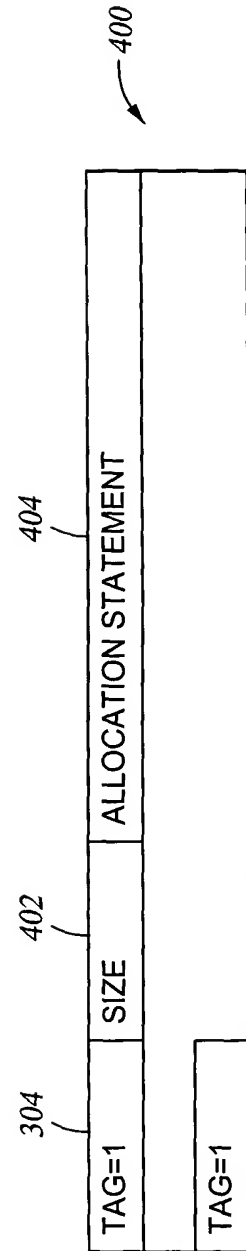


Fig. 4

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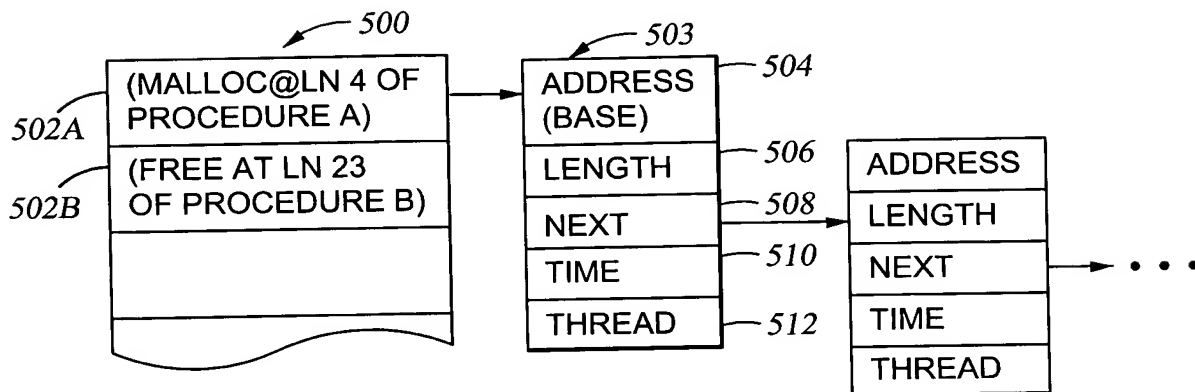


Fig. 5

```

001 # INCLUDE <STDLIB.H>
002 CHAR * COPY ( CHAR * P )
003 {
004     CHAR *PTR;
005
006     PTR = MALLOC ( STRLEN ( P ) + 1 );
007
008     STRCPY ( PTR, P );
009
>>010     RETURN PTR;
011 }

```

Fig. 6

==>ALLOCHIST PTR			704
>ALLOCHIST PTR	708	710	
PROC/LINE	LENGTH	PROC/LINE	
COPY/006	4	F002/026	
COPY/006	30	F002/026	
PRINTF/987	128	PRINTF/1005	
FOO1/5	48		

Fig. 7

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802 ALLOCATOR STATEMENT	804 LIMIT	806 COUNT
	0	
	0	
	40K	40K
	10K	11K

800

Fig. 8

900

```

==> UPSTGIMT 6 4000

001 # INCLUDE <STDLIB.H>
002 CHAR * COPY (CHAR *P)
003 {
004   CHAR * PTR;
005
>>006 PTR = MALLOC (STRLEN (P) + 1);
007
008   STRCPY ( PTR,P );
009
010   RETURN PTR;
011 }

==>
UPPER STORAGE LIMIT OF 4000 EXCEEDED AT LINE 006
  
```

904

Fig. 9

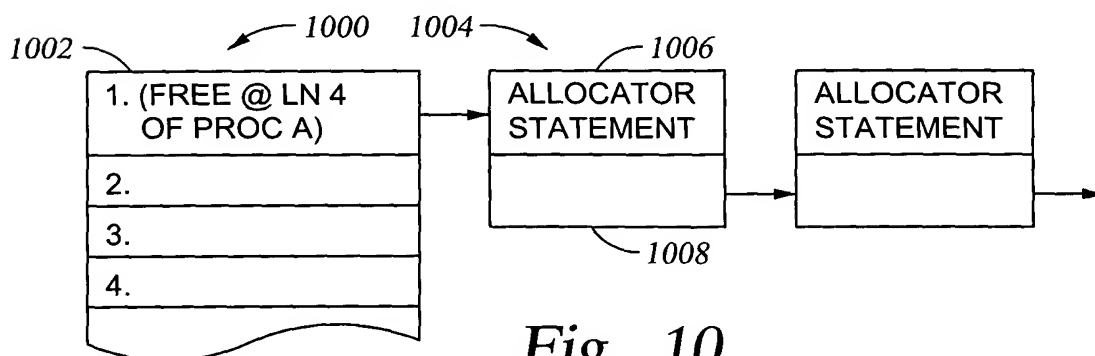


Fig. 10

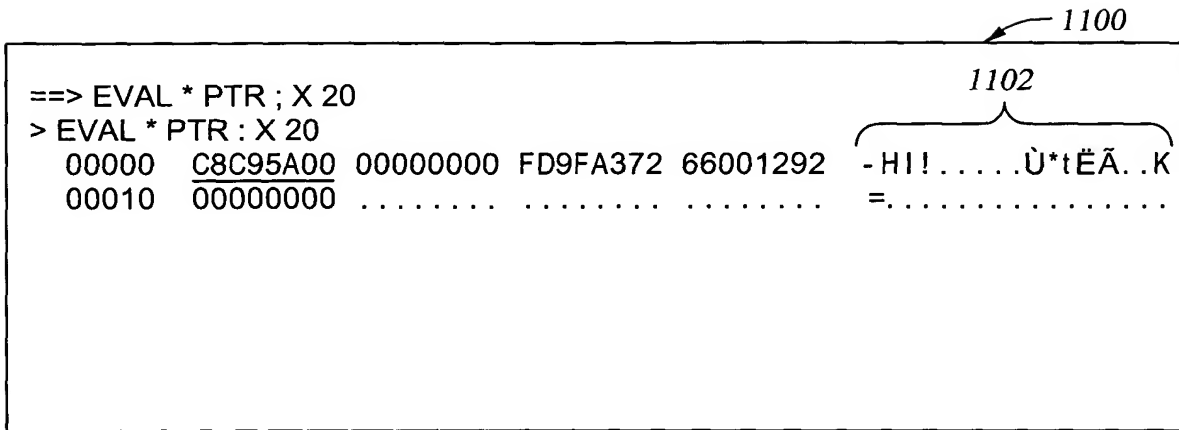


Fig. 11

Fig. 12

FREE STATEMENT	ALLOCATOR STATEMENT
3303	425
3303	8001

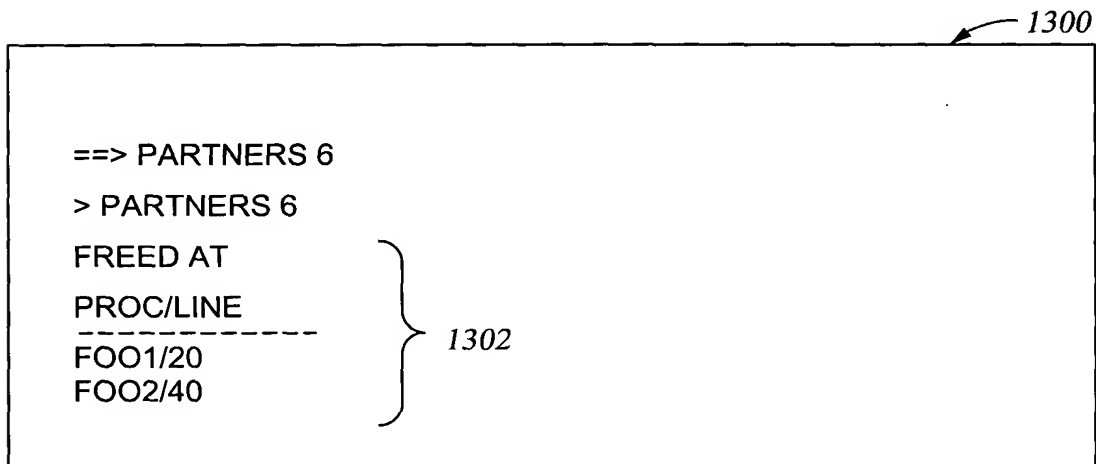


Fig. 13

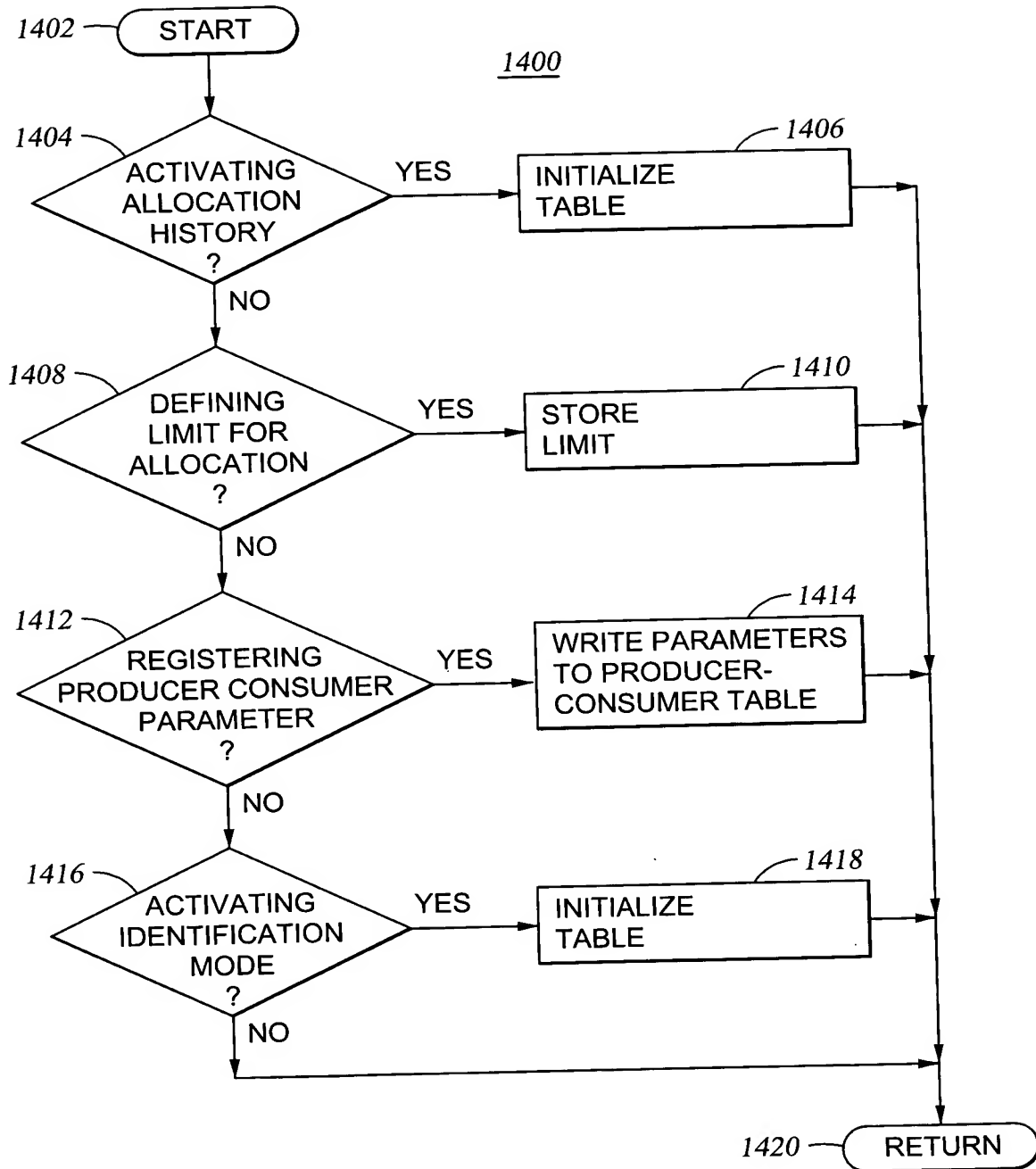


Fig. 14

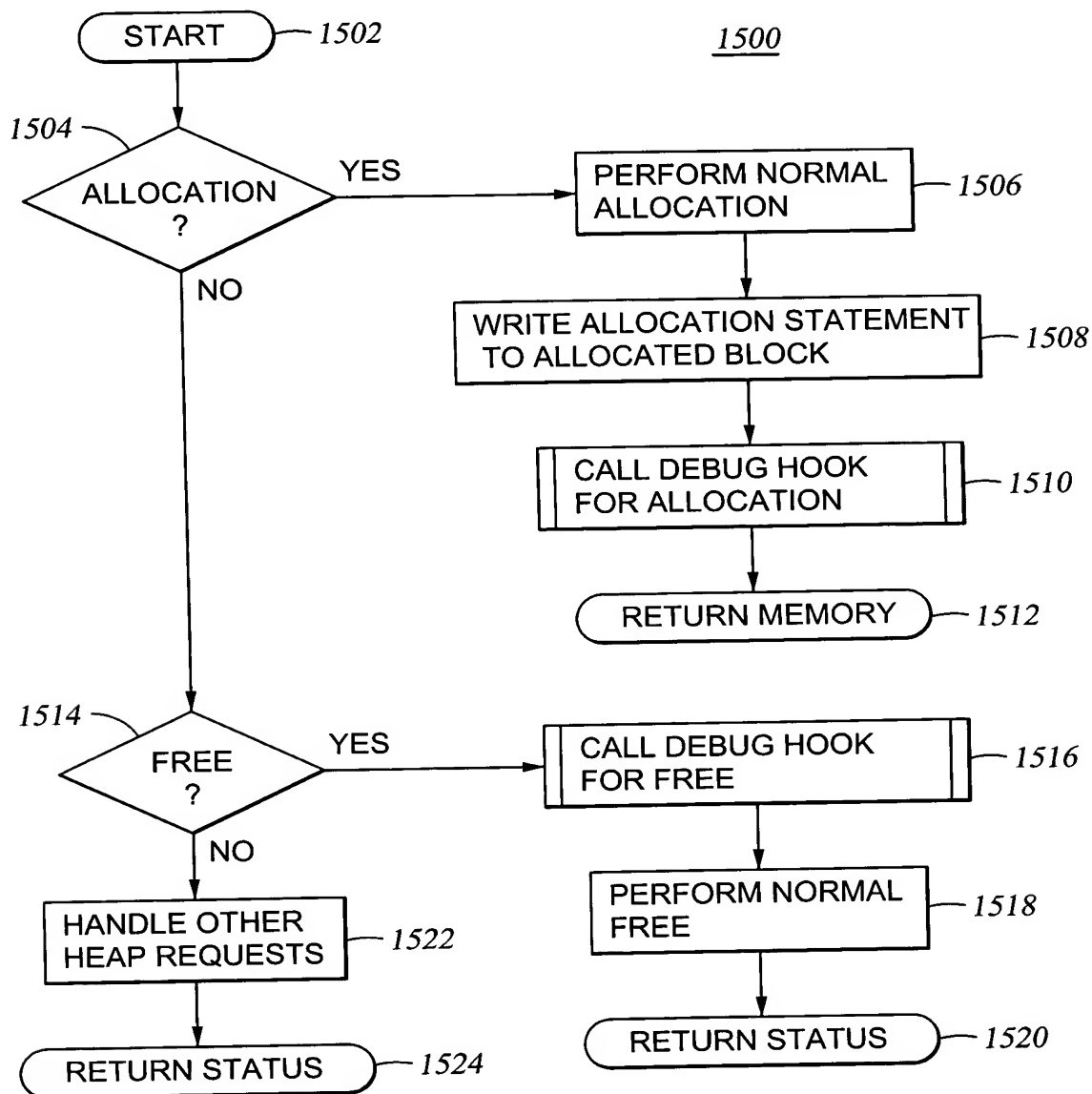
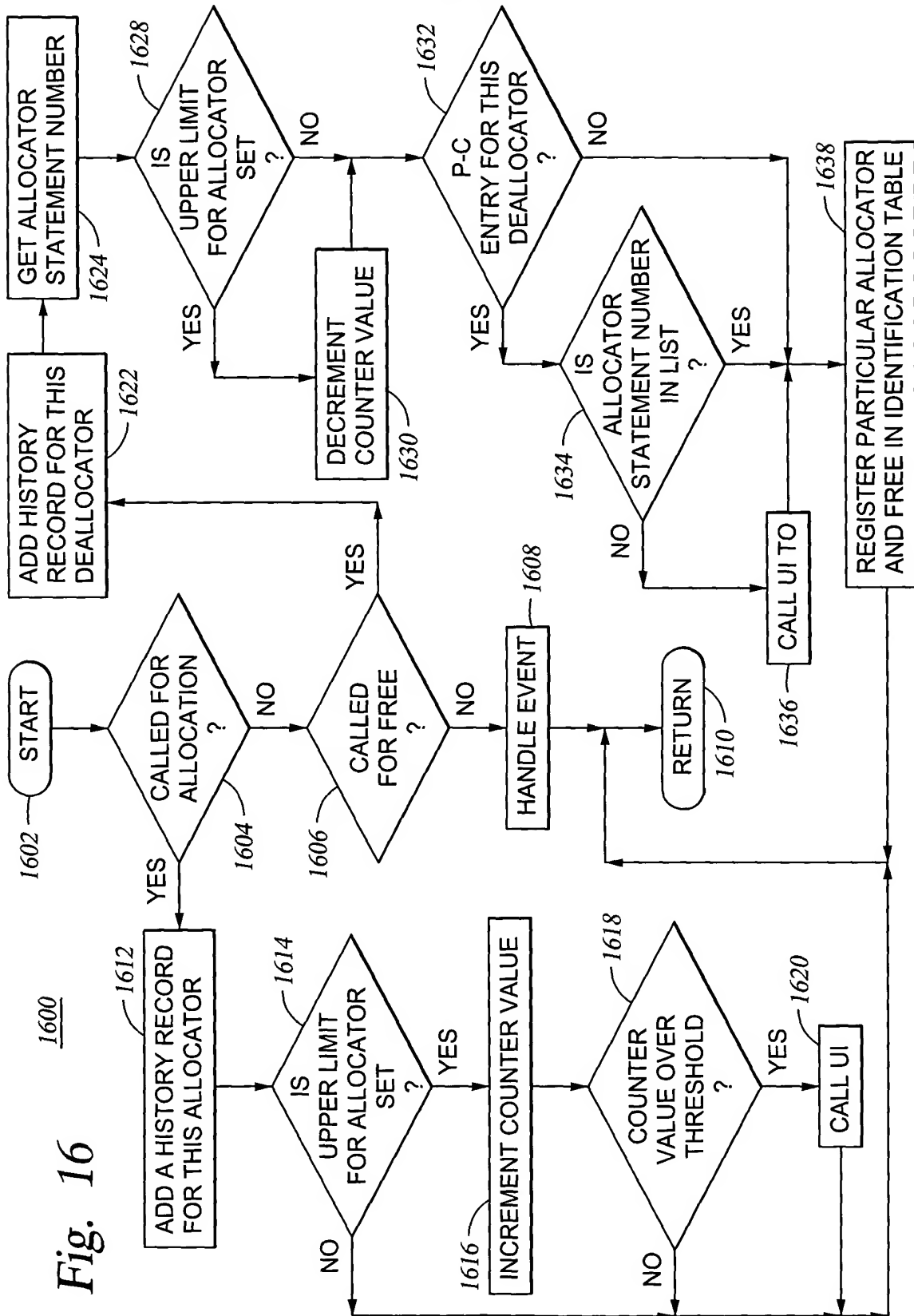


Fig. 15

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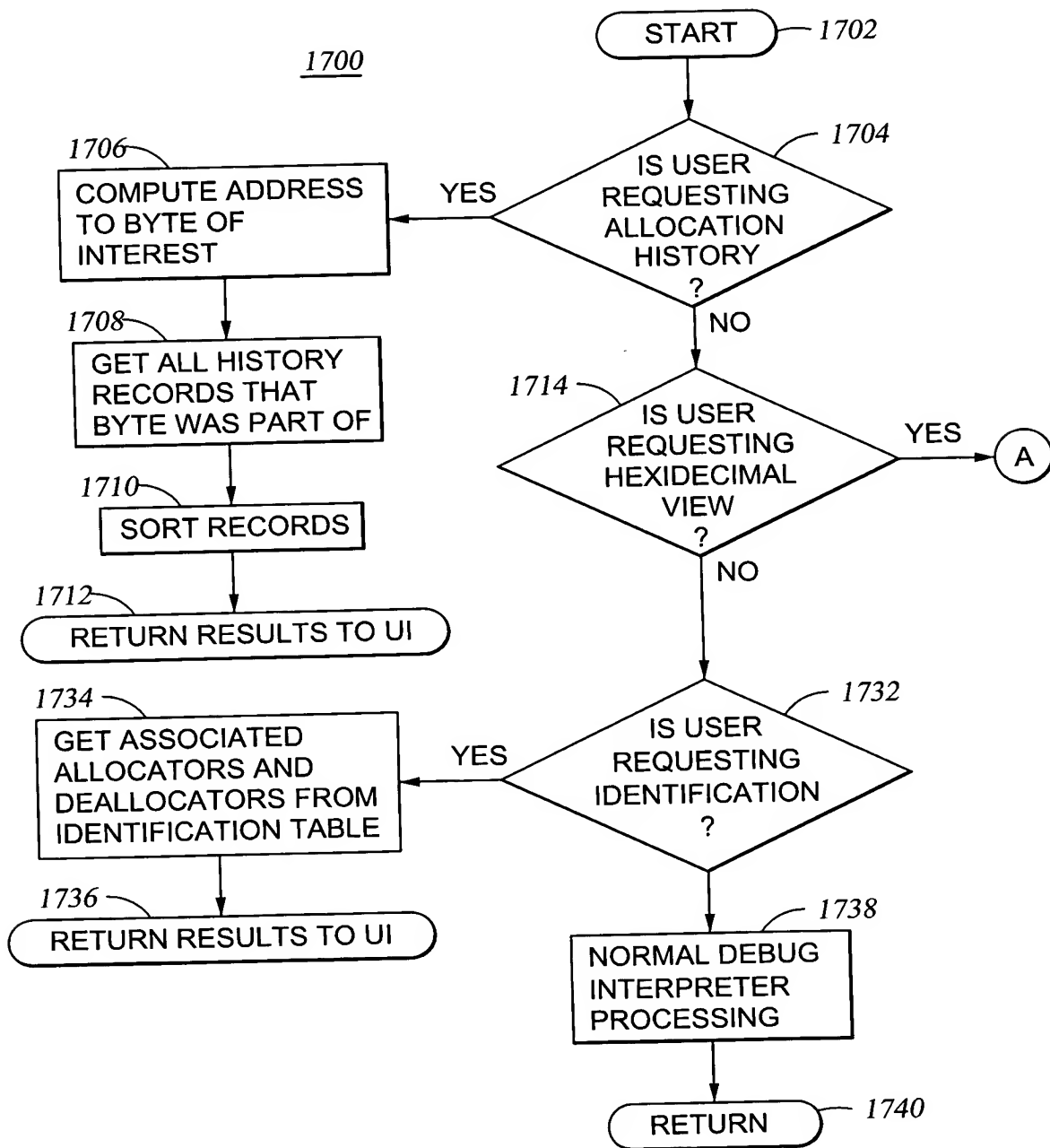


Fig. 17A

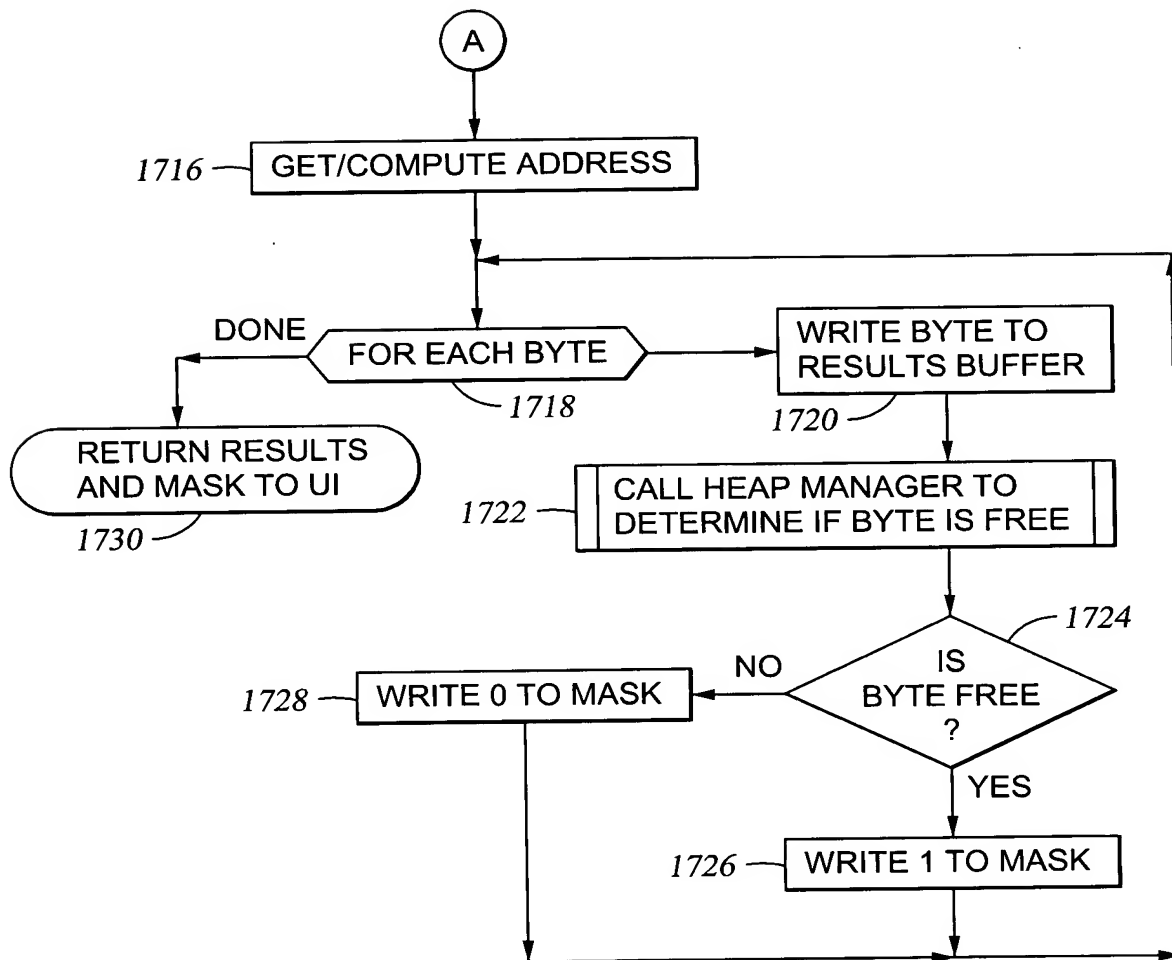


Fig. 17B